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cont  
221. (Twice Amended) The collection of claim <sup>1</sup>26, wherein the binding polymer is an oligonucleotide having a given length and is selected from the group consisting of all possible oligonucleotide sequences having the same number of nucleotides.

1338. (Twice Amended) The collection of claim <sup>1</sup>26, wherein the binding polymer is a protein selected from the group consisting of proteins having enzyme binding sites and proteins having antibody binding sites.

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1439. (Twice Amended) The collection of claim <sup>1</sup>26, wherein the beads are comprised of a glass surface and the binding polymers are attached through amines on the glass surface.

1540. (Twice Amended) The collection of claim <sup>1</sup>26, wherein the beads are comprised of a surface and the binding polymers are attached through hydroxyl groups on the surface.

1641. (Twice Amended) The collection of claim <sup>1</sup>26, wherein the binding polymers are oligodeoxyribonucleotides, a plurality of the beads are comprised of a surface and a coating of an organic hydrophilic layer terminating in hydroxyl groups, and phosphates of the oligodeoxyribonucleotides are immediately linked to the hydroxyl groups.

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13 2155. (Twice Amended) The collection of claim <sup>2</sup>27, wherein the plurality of different beads is reusable.

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